





RPS1C181MCN1GS



Part Number: [RPS1C181MCN1GS](#)

Manufacturer: [Nichicon](#)

Description: CAP ALUM POLY 180UF 20% 16V SMD

Data sheet:  [Chip Type Tape Spec](#)
 [Polymer Aluminum Land, Reflow](#)
 [RPS, RPA Series](#)

RoHs Status: Lead free / RoHS Compliant





















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| PRODUCT PARAMETER | | | |
|---|---|------------------------------------|---|
| Part Number | RPS1C181MCN1GS | Manufacturer | Nichicon |
| Description | CAP ALUM POLY 180UF 20% 16V SMD | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 143611 pcs | Data sheet | Chip Type Tape Spec Polymer Aluminum Land, Reflow RPS, RPA Series |
| Category | Capacitors | Voltage - Rated | 16V |
| Type | Polymer | Tolerance | ±20% |
| Surface Mount Land Size | 0.327" L x 0.327" W (8.30mm x 8.30mm) | Size / Dimension | 0.315" Dia (8.00mm) |
| Series | FPCAP, RPS | Ripple Current @ Low Frequency | 370mA @ 120Hz |
| Ripple Current @ High Frequency | 3.7A @ 100kHz | Ratings | - |
| Packaging | Tape & Reel (TR) | Package / Case | Radial, Can - SMD |
| Other Names | 493-3854-2 | Operating Temperature | -55°C ~ 105°C |
| Mounting Type | Surface Mount | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 18 Weeks | Lifetime @ Temp. | 2000 Hrs @ 105°C |
| Lead Spacing | - | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Height - Seated (Max) | 0.461" (11.70mm) | ESR (Equivalent Series Resistance) | 20 mOhm |
| Detailed Description | 180µF 16V Aluminum Polymer Capacitor Radial, Can - SMD 20 mOhm 2000 Hrs @ 105°C | Capacitance | 180µF |
| Applications | General Purpose | | |
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